

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Timothy A. Long (Reg. No. 28,876) on 11 February 2009.

The following claims had been amended as follows:

1. A system for concurrent operation of plural computer applications, said system comprising:

(a) a computer storage medium including a shared object space selectively connectable to each of a plurality of computer applications, said shared object space capable of storing:

(i) a plurality of objects accessible to each of said plural computer applications connected to said shared object space; and

(ii) a queue associated with said shared object space and capable of storing a plurality of references to objects, a reference to an object received from one of said plural computer applications and identifying an individual object and said application placing said reference to said individual object in said queue; and

(b) at least one computer comprising at least two computer applications concurrently executing on respective virtual machines, a particular object updateable by a first of said concurrently executing applications when said first application is connected to said shared object space and a datum in said object identifies a reference from said queue, said reference identifying said first application, said first application relinquishing control of said particular object enabling updating of said particular object by another application with replacement of said datum in said particular object with another datum that identifies another reference in said queue, said another reference identifying said another application, said first application and said another application not communicating with each other regarding said reference and said another reference;

where said reference to an object further comprises an indication of a position of said reference in a sequence of references to objects placed in said queue by an application.

12. (cancelled)

16. A system for concurrent operation of plural computer applications, said system comprising:

(a) a computer storage medium including a shared object space selectively connectable to each of a plurality of computer applications, said shared object space capable of storing:

- (i) a plurality of objects accessible to each of said plural computer applications connected to said shared object space; and
 - (ii) a queue associated with said shared object space and capable of storing a plurality of references to objects, each reference identifying an individual object and a computer application placing said reference to said individual object in said queue; and
- (b) at least one computer comprising at least two computer applications concurrently executing on respective virtual machines, a particular object updateable by one of said concurrently executing applications when said application is connected to said shared object space and a datum in said object identifies an object reference from said queue, said object reference identifying said updating application; one of said computer applications of a first set placing a first reference to a particular object in said queue and relinquishing control of said particular object enabling updating of said particular object by one of a second set of applications with replacement of a datum in said particular object with another datum that identifies a second reference in said queue, said second reference identifying said application of said second set said one of said applications of said first set and said one of said applications of said second set not communicating with each other regarding said reference to said particular object.

27. (cancelled)

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31. A system for the concurrent operation of plural computer applications, said system comprising:

(a) a computer storage medium including a shared object space selectively connectable to each of a plurality of computer applications, said shared object space capable of storing:

(i) a plurality of objects accessible to a plurality of said plural computer applications connected to said shared object space; and

(ii) a queue associated with said shared object space and capable of storing a plurality of references to objects, each reference to an object received from one of said plural computer applications and identifying an individual object and an application capable of removing said reference from said queue; and

(b) at least one computer comprising at least two computer applications concurrently executing on respective virtual machines, a particular object updateable by one of said concurrently executing applications when said one application is connected to said shared object space and in control of a reference from said queue identifying said particular object, said one application removing said reference to said particular object from said queue and returning said reference to said particular object to said queue if said queue contains an identity of another application seeking to remove said reference from said queue, said one application and said another application not communicating with each other regarding said reference;

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wherein said reference to an object further comprises an indication of a position of said reference in a sequence of references received in said queue from said application placing said reference in said queue.

42. (cancelled)

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NATHAN PRICE whose telephone number is (571)272-4196. The examiner can normally be reached on 8:30am - 5:00pm, Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Meng-Ai An/
Supervisory Patent Examiner, Art Unit 2195

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